



Figure 11. Maps of contours of M_I as thin dashed lines and instrumental epicenters as dots for a) Kettleman Hills, b) Santa Rosa, c) Petrolia, d) 1901 Parkfield, e) 1922 Parkfield, and f) 1934 Parkfield earthquakes. The epicenter of the 1966 Parkfield event is the epicenter plotted in d), e), and f). The rms $[M_I]$ contours corresponding to the 50%- , 80%- , and 95%-confidence levels for location are shown as the innermost, middle, and outermost contours of Xs respectively. We used the contour values listed in Table 5 for 170 MMI in a) and b), 40 MMI in c), 10 MMI in d), 15 MMI in e), and 100 MMI in f). California coastline and < 700ka Quaternary faults (Jennings, 1992) are shown as thin and thick lines respectively. See caption of Figure 7.